EAST Search History

EAST Search History (Prior Art)

| Ref# | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|---------------------|---------|---------------------|
| L1 | 971 | 307/125.cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/09 07:28 |
| L2 | 601 | 307/113.cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/09 07:28 |
| L6 | 8 | (DC adj5 supply) same (voltage adj sensor) same (switch\$4 adj circuit) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | 00 N | 2009/11/09 08:03 |
| L7 | 14 | ((switching adj regulator) (switching adj coverter) (switching adj circuit)) same bridge same (input near sens\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/09 08:06 |
| S1 | 3 | ("3669358" "5591993" "6084790").PN. | US-PGPUB; USPAT | OR | ON | 2006/10/04 15:41 |
| S2 | 17 | ("3699358" "4257090" "4384321" "4567379" "4924170" "5191519" "5418707" "5428523" "5479087" "5521809" "5576940" "5909108"). PN. OR ("6084790"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/23 08:15 |
| S3 | 10 | ("3619655" "4109167"). PN. OR ("4567379"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/23 15:56 |
| S4 | 12 | ("4567379" "5001621" "5027264" "5204809" "5436825" "5734258" "5933331" "6055169" "6191567" "6275016"). PN. OR ("6636431"). UFPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/23 15:59 |

| S 5 | 30 | ("3609452" "4301496" "4408268" "4639849" "4713742" "4910438" "4937725" "5060130" "5111378" "5132888" "H000335").PN, OR ("5204809").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/23 16:10 |
|------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----|----|---------------------|
| S6 | 11 | ("5204809" "5307004" "5932995" "6147886" "6184666" "6211657" "6404175" "6560127" "6690589" "6850045" "6897641").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/23 16:11 |
| S7 | 7 | ("4727308" "5654881" "6400579" "6696823" "6747442" "6753723" "6803750").PN. | US-PGPUB; USPAT; USOOR | OR | ON | 2006/02/23 16:13 |
| S8 | 37 | ("3628123" "3848175" "3919656" 14449174" "4405999" "4785387" "4788634" "4891746" "5019717" "5179512" "5187457" "5187580" "5204809" "5406051" "5204809" "5406051" "5444608" "5712772" "5877611" "5982645" "5991168" "6032730" "6055163" "6094038" "6144194" "6215290" "6232754" "6281666" "6292378 "6281666" "6292378 "6462963" "6462964" "6545450"). PN. OR ("6696823"). | US PGPUB; USPAT; USOOR | OR | ON | 2006/02/24 |
| S9 | 5 | ("5402329" "6051961" "6101108" "6169668" "6310785").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/24 11:02 |
| S10 | 3 | ("5204809" "5764500" "6018468").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/24 11:12 |
| S11 | 111 | "4199807" "4519022" "4635179" "4691270" "4761727" "4766365" "4802078" "4803609" "4823250" "4864479" "4901216").PN. | US-PGPUB; USPAT; USOOR | OR | ON | 2006/02/24 11:16 |
| S12 | 4 | ("5552695" "5592071" "5721483" "5929692"). PN. | US-PGPUB; USPAT; USOOR | OR | ON | 2006/02/24 11:25 |
| S13 | 4 | ("3626277" "4132925" "4585988" "5485076"). PN. | US-PGPUB; USPAT; USOOR | OR | ON | 2006/02/24 11:42 |

| S14 | 2 | ("5119013" "5336985"). PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/24 13:12 |
|-----|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----|-----|---------------------|
| S15 | 7 | ("4184197" "4257087" "5166869" "5539630" "5570276" "5773969" "5790005").PN. | US-PGPUB; USPAT; USOOR | OR | ON | 2006/02/24 13:31 |
| S16 | 5 | ("4184197" "4257087" "4675796" "4864478" "5440472").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/24 13:33 |
| S17 | 14 | ("4184197" "4502104" "4703409" "4713742" "4931716" "5006782" "5144222" "5646837" "5668466" "5723913"). PN. OR ("5932995"). UFPN. | US-PGPUB; USPAT; USOOR | OR | ON | 2006/02/24 13:49 |
| S18 | 10 | ("4096559" "4210958" "4669023" "4977493" "5017800" "5038267" "5047913" "5107151" "5166149" "5227941"). PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/24 13:57 |
| S19 | 3 | ("3699358" "4567379" "4791542").PN. OR ("5508652").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/24 14:35 |
| S25 | 1 | ("5341004").PN. | US-PGPUB; USPAT | OR | OFF | 2006/02/24 15:02 |
| S26 | 1 | ("6028418").PN. | US-PGPUB; USPAT | OR | OFF | 2006/02/24 15:02 |
| S28 | 1 | ("5991174").PN. | US-PGPUB; USPAT | OR | OFF | 2006/02/24 15:02 |
| S29 | 1 | ("5543704").PN. | US-PGPUB; USPAT | OR | OFF | 2006/02/24 15:12 |
| S30 | 1 | ("5636114").PN. | US-PGPUB; USPAT | OR | OFF | 2006/02/24 15:13 |
| S31 | 1 | ("5313382").PN. | US-PGPUB; USPAT | OR | OFF | 2006/02/24 15:16 |
| S32 | 50 | ("4857822" "5989511" 6246599" "5345359" 55418704" "6051806" "4422138" "4436485" "4841220" "4860184" "5262930" "5325283" "5742495" "5901051" "5925984" "5999433" "6144139" "6172492" "4281372" "4384247" "4453206" "4601051" "4908752" "5309344" "5341179" "5471376" "5479066" "561403" "5642025" "5761055" | US-PGPUB; USPAT | OR | ON | 2006/02/24 15:24 |

| | лининин на пределатення по пределатення по пределатення по пределатення по пределатення по пределатення по пре | "5771163" "5946200" "6005780" "6044003" "605780" "6044003" "605780" "6057652" "6058611" "6181576" "6188585" "6194681" "6239584" "4296296" "43293961" "4402039" "4450693" "4502107" "453836" "4541041" "4564896" "4591962" "4596029"). pn. | | *************************************** | | |
|-----|----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------|----|---------------------|
| S33 | 11 | ("3891905" "4057842" "4065706" "4072880" "4131927" "4348605" "4408244" "4763347" "5003242" "5151642" "5450001").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/24 16:33 |
| S34 | 2 | FREY-FRITZ | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/24 16:34 |
| S38 | 17689 | choke same transformer | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | ON | 2006/02/24 16:43 |
| S39 | 3810 | S38 same opposit\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/24 16:43 |
| S40 | 165 | S39 same transients | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/27 09:08 |
| S41 | 17689 | choke same transformer | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | ON | 2006/02/27 09:08 |
| S42 | 3810 | S41 same opposit\$5 | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | ON | 2006/02/27 09:08 |
| S43 | 1541 | S42 same switch\$5 | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | ON | 2006/02/27 09:09 |
| S44 | 597 | S43 same (protect\$4 prevent\$3) | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | ON | 2006/02/27 09:30 |
| S47 | 19 | S43 same (protect\$4 prevent\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/02/27 09:30 |
| S48 | 2 | ("5336985" "6538342"). PN. OR ("6642630"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/27 09:32 |

| S49 | 6 | ("5978234" "6072702" "6081433" "6101103" "6198637" "6295211"). PN. OR ("6525948"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/27 09:33 |
|-------------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|----|-----|---------------------|
| S50 | 7 | ("4564742" "5349157" "5351175" "5601741" "6111216").PN. OR ("6268587").URPN. | US-PGPUB; USPAT; USOOR | OR | ON | 2006/02/27 09:36 |
| S51 | 4 | ("4280174" "4334267" "4847746" "6268587"). PN. | US-PGPUB; USPAT; USOOR | OR | ON | 2006/02/27 09:38 |
| S52 | 6 | ("3710147" "5852555" "5862041" "5991167" "6064580" "6268587"). PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/27 09:41 |
| S53 | 26 | ("4441146" "5243509" "5822198" "5907481"). PN. OR ("6064580"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/27 09:55 |
| S54 | 2 | ("6064580" "6396719"). PN. OR ("6961254"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/27 10:00 |
| S 55 | 5 | ("4763235" "5661642" "5719755" "6061253" "6111762").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/27 10:08 |
| S56 | 538 | (307/113).OQLS. | US-PGPUB; USPAT; USOOR; EPO; JPO | OR | OFF | 2006/02/27 13:15 |
| S57 | 18 | ("4441146" "5126931" "5245520" "5282123" "5303138" "5331533" "5353212" "5434768" "5535112" "5541228" "5786990" "5907481" "5991167" "6038142" "6064580" "6137698" "6163139" "6239993"). PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/27 10:22 |
| S58 | 10 | ("5408403" "5410467" "5434768" "5477131" "5500576" "5568041" "5614810" "5880940" "6008630" "6023132"). PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/27 10:24 |
| S59 | 10 | ("3873906" "4184197" "4186437" "4257087" "4274133" "4355352" "4772810" "5442539" "5570276" "5841268"). PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/27 10:26 |

| S60 | 2 | ("4172277" "4186437"). PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/27 10:36 |
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| 361 | 29 | ("4441146" "4912620" "4926304" "5066900"). PN. OR ("5880940"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/27 10:52 |
| 562 | 103 | ("4240009" "4464606" *4535399" "4541041" *4672528" "4727469" *4794506" 4814962" *4794506" 4814962" *4833584" "485588" *4860189" "4854883" *4912622" 4935857" *5927263" 5017800" *5027263" 5017800" *5132889" 5132889" *5132889" 5132889" *5132889" 513889" *5235501" 5268830" *5235501" 5268830" *5285372" 5291382" *5305191" 5363020" *5384516" 5363020" *5384516" 5363020" *5384516" 53634064" *5441557" 5441867 *5441557" 5441867 *5441557" 5543062" *5583402" 5555688 *5583402" 5555688 *5583402" 5555688 *5583402" 55742496 *5742495" 5742496 *5743495" 5742496 *5743495" 5742496 *5743495" 5742496 *574346" 5751418" *5781491" 5784266" *57844915" 5742496 *57844915" 5742496 *57844915" 5742496 *57844915" 5742496 *57844915" 5742496 *5784491" 5784266" *5784540" 5858617" *5886884" 5894412" *58844889" 5854477" *58868884" 5894412" *5893276" 5852376" *589330121" 5832376" *5933290" 58932376" *5933290" 6114814" *6011360" 61141814" | US-PGPUB; USPAT; USOOR | OR | ON | 2006/02/27 |

| | | "6127785" "6310444" "6411040").PN. | | | | |
|-----|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----|----|---------------------|
| S63 | 6 | ("4667132" "5034659" "5331253" "5519289" "5747943" "6114814"). PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/27 11:08 |
| S64 | 14 | ("3818313" "4031452" "4827150" "4864479" "4928020" "5132889" "5315496" "5325283" "5418703" "5426409" "5432540" "5497310" "5539630" "5684678"). PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/27 11:23 |
| S65 | 6 | "("4593204" "4912622" "4937470" "5302862" "5408150" "5430633"). PN. | US-PGPUB; USPAT; USOOR | OR | ON | 2006/02/27 11:38 |
| S66 | 1 | ("4461966").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/27 11:41 |
| S67 | 3 | ("4951186" "5075837" "5170040").PN. | US-PGPUB; USPAT; USOOR | OR | ON | 2006/02/27 11:54 |
| S68 | 5 | ("5991171" "5991172" "6064580" "6185114" "6246593").PN. | US-PGPUB; USPAT; USOOR | OR | ON | 2006/02/27 11:58 |
| S69 | 6 | ("2896123" "3334619" "3665908" "4245609"). PN. | US-PGPUB; USPAT; USOOR | OR | ON | 2006/02/27 12:11 |
| S70 | 49 | S56 and transformers | US-PGPUB; USPAT | OR | ON | 2006/02/27 13:57 |
| S71 | 0 | trasnsformers same (magnetic adj fields) | US-PGPUB; USPAT | OR | ON | 2006/02/27 13:58 |
| S72 | 0 | trasnsformers and (magnetic adj fields) | US-PGPUB; USPAT | OR | ON | 2006/02/27 13:59 |
| S73 | 170770 | (magnetic adj fields) | US-PGPUB; USPAT | OR | ON | 2006/02/27 13:59 |
| S74 | 18162 | S73 and transformers | US-PGPUB; USPAT | OR | ON | 2006/02/27 14:00 |
| S75 | 13155 | (magnetic adj fields adj strengths) | US-PGPUB; USPAT | OR | ON | 2006/02/27 15:51 |
| S76 | 1414 | S75 and transformers | US-PGPUB; USPAT | OR | ON | 2006/02/27 14:00 |
| S77 | 875 | S76 and opposite and current | US-PGPUB; USPAT | OR | ON | 2006/02/27 14:01 |
| S78 | 545 | S77 and switch\$5 | US-PGPUB; USPAT | OR | ON | 2006/02/27 14:03 |
| S79 | 4 | ("4328525" "5381297" "5510951" "6249418"). PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/27 14:33 |

| S80 | 3 | ("6353294" "6369519" "6411039").PN. | US-PGPUB; USPAT; USOOR | OR | ON | 2006/02/27 14:40 |
|-----|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----|-------|---------------------|
| S81 | 20 | ["4370701" "4392172" "4493017" "4616741" "4811187" "4977483" "5093597" "5130917" "5281563" "5258902" "5260607" "5278748" "5351179" "5379206" "5418361" "5539630" "5448367" "5539630" "5550458" "5619401"). PN. | US-PGPUB; USPAT; USOCR | OR | ON ON | 2006/02/27 14:59 |
| S82 | 4 | ("3189796" "3968420" "4365171").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/27 15:09 |
| S83 | 19 | ("2586657" "2773134" "2782269" "2802186" "3042848" "3250695" "3389330" "3452268" "3541428" "3631534"). PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/27 15:22 |
| S84 | 10 | ("3458774" "3743853" "3919629" "3935542" "4433309" "4455528" "4553040" "4583006" "4618823").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/27 15:27 |
| S85 | 14 | ("2247745" "2287543" "2786970" "3959688" "4354218" "4399482"). PN. OR ("4497011"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/27 15:32 |
| S87 | 6240 | S75 and (current and opposite) | US-PGPUB; USPAT | OR | ON | 2006/02/27 15:55 |
| S88 | 7 | S87 and (output adj capacitance) | US-PGPUB; USPAT | OR | ON | 2006/02/27 15:52 |
| S89 | 3399 | S75 and (current and opposite and magnitude) | US-PGPUB; USPAT | OR | ON | 2006/02/27 15:55 |
| S90 | 2 | S89 and (switch same series adj path) | US-PGPUB; USPAT | OR | ON | 2006/02/27 16:07 |
| S91 | 9 | ("3783686" "4117721" "4137766" "4339958" "5018391" "5351554" "5621319" "5641914" "5808208").PN. OR ("6729191").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/27 16:00 |
| S92 | 364 | S89 and (switch\$5 same (protect\$4 prevent\$3)) | US-PGPUB; USPAT | OR | ON | 2006/02/27 16:27 |
| S93 | 1 | ("6522082").PN. | US-PGPUB; USPAT | OR | OFF | 2006/02/27 16:27 |
| S94 | 0 | ("6522082").URPN. | USPAT | OR | ON | 2006/02/27 16:37 |

| S95 | 0 | ("2002171521").URPN. | USPAT | OR | ON | 2006/02/27 16:37 |
|-------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----|----|------------------------------|
| S96 | 0 | "2002171521" | USPAT | OR | ON | 2006/02/27 16:37 |
| S97 | 0 | "2002171521" | US-PGPUB; USPAT | OR | ON | 2006/02/27 16:37 |
| S98 | 9990 | "363"/\$.ccls. and (opposite windings) | US-PGPUB; USPAT | OR | ON | 2006/02/28 09:22 |
| S99 | 54 | S98 and (switch\$5 same series adj path) | US-PGPUB; USPAT | OR | ON | 2006/02/28 09: 2 3 |
| \$100 | 75 | ("20010026460" "20010038541" "20020167825" "20030043603" "20030043603" "20030156437" "4768141" "5065303" "5138544" "5337227" "5349517" "5355295" "5361196" "5446642" "5446643" "5539337" "55467262" "5523937" "55467262" "5547261" "55640661" "5587891" "5621628" "5642275" "5742493" "5757633" "5742493" "577633" "5742493" "577633" "5742493" "577633" "5742493" "577633" "5742493" "59405662" "5896681" "5905367" "5742493" "5940668" "5969959" "59995391" "6095362" "601738" "6005362" "601738" "6005362" "601738" "6040990" "6053011" "618223" "618676" "6145479" "6169672" "6189676" "6175162" "6189676" "6175162" "6189676" "6175162" "6189676" "6175162" "619379" "689672" "6301737" "6353547" "6404655" "6411530" "6490182" "6507503" "6490182" "6507503" "6597590" "6603672" PN. OR ("6954366") | US-PGPUB; USPAT; USOCR | ОR | ON | 2006/02/28 |
| S101 | 3 | ("6016258" "6147886" "6246599").PN. | US-PGPUB; | OR | ON | 2006/02/28 |

| S102 | 1 | ("6084790").PN. | US-PGPUB; USPAT | OR | OFF | 2006/02/28 10:17 |
|------|--------|------------------------------------------------------------|-------------------------------------------------------------------------|----|-----|---------------------|
| S103 | 1 | ("3699358").PN. | US-PGPUB; USPAT | OR | OFF | 2006/02/28 10:17 |
| S104 | 8 | ("2900508" "3174053" "3184615" "3213295"). PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/28 10:32 |
| S105 | 902 | 307/125.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/04 15:42 |
| S106 | 1 | ("5847554").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/10/04 15:43 |
| S107 | 1 | ("4585986").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/10/05 09:39 |
| S108 | 1 | ("5559467").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/10/05 09:41 |
| S109 | 129292 | ((FIR) (finite adj impulse adj response adj filter)) | US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/05 10:06 |
| S110 | 15263 | S109 same switch\$4 | US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/05 09:44 |
| S111 | 9416 | S109 same switch\$4 same second | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/05 09:44 |
| S112 | 1443 | S111 same controll\$4 same signal | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/05 09:45 |
| S113 | 143 | S112 same states same combinations | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/05 09:53 |

| S114 | 7 | S113 same bridge | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/05 09:45 |
|------|------|----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|----|----|---------------------|
| S115 | 54 | filter same ((FIR) (finite adj impulse adj response adj filter)) same switch same controller same signal | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/05 10:04 |
| S116 | 0 | S115 same voltage adj supply | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/05 09:58 |
| S117 | 6 | S115 same supply | US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/05 09:58 |
| S118 | 1 | filter same ((FIR) (finite adj impulse adj response adj filter)) same switch same (DC adj supply) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/05 10:04 |
| S119 | 10 | filter same ((FIR) (finite adj impulse adj response adj filter)) same switch same (voltage adj supply) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/05 10:04 |
| S120 | 8361 | ((FIR) (finite adj impulse adj response adj filter)) same voltage | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/05 10:42 |
| S121 | 2620 | S120 same switch | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/05 10:09 |
| S122 | 101 | S121 same measure | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/05 10:09 |

| S123 | 40 | S122 same supply | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/05 10:43 |
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| S124 | 17 | ((FIR) (finite adj impulse adj response adj filter)) same voltage same measure | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2006/10/05 10:11 |
| S125 | 111 | ((finite adj impulse adj response adj filter)) same voltage | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/05 10:42 |
| S126 | 13 | S125 same supply | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/05 11:25 |
| S127 | 21 | (US-20050062574-\$ or US-20050002209-\$ or US-200500778496-\$ or US-200500778496-\$ or US-20050077827-\$ or US-20050077927-\$ or US-20050063204-\$ or US-20050063204-\$ or US-2005006369-\$ or US-489371-\$ or US-489371-\$ or US-5322995-\$ or US-5322995-\$ or US-5322995-\$ or US-5322995-\$ or US-552695-\$ or | US POPUB; USPAT | OR . | ON | 2006/10/05 |
| S128 | 16 | S125 same measur\$5 | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/05 12:31 |

| S129 | 15608 | bridge same switch same diode | US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/05 12:31 |
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| S130 | 1202 | S129 same (voltage adj drop) | US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/05 12:31 |
| S131 | 620 | S130 same signal | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/05 12:32 |
| S132 | 48 | S131 same compensate | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/05 15:30 |
| S133 | 1 | ("20050077927").PN. | US-PGPUB; USPAT; USOOR | OR | OFF | 2006/10/06 10:57 |
| S134 | 3 | ("4890188" "5729422" "6213442").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/10/06 10:58 |
| S135 | 1 | ("5977725").PN. | US-PGPUB; USPAT; USOOR | OR | OFF | 2006/10/06 11:00 |
| S136 | 22 | [US-20050082574-\$ or US-20050078496-\$ or US-20050078496-\$ or US-20050078496-\$ or US-20050063204-\$ or US-200500063204-\$ or US-20050002209-\$ or US-20050002209-\$ or US-2005000205000-\$ or US-2005075976-\$ or US-6657872-\$ or US-657872-\$ or US-5526498-\$ or US-5526498-\$ or US-5204409-\$ or US-5302985-\$ or US-6362986-\$ or US-6367979-\$ or US-5502495-\$ or US-5502495-\$ or US-5502495-\$ or US-5502495-\$ or US-5502862-\$ or US-5 | US PGPUB; USPAT | OR . | ON | 2007/09/18 |

| S137 | 922 | 307/125.cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 11:32 |
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| S138 | 4 | S136 and (voltage adj sensor) | US-PGPUB; USPAT | OR | ON | 2007/09/18 11:50 |
| S139 | 0 | S137 same (voltage adj sensor) same (DC adj supply) | US-PGPUB; USPAT | OR | ON | 2007/09/18 11:50 |
| S140 | 1 | S137 and (voltage adj sensor) and (DC adj supply) | US-PGPUB; USPAT | OR | ON | 2007/09/18 11:51 |
| S141 | 28 | ("4052623" "4438356" "4491750" "4511815" "4522851" "4709233" "4728825" "4487719" "5488504" "503246" "5418679" "5481219" "5602446" "5763962" "5784742" "5812383" "5894397" "5907223" "6134125" "6201680" "6259306" "6331794" "6339262" "6434025" "6456511" "6462603" "6496088" "6535400"). PN. OR ("7230354"). | US PGPUB; USPAT; USOCR | OR | ON | 2007/09/18 |
| S142 | 0 | S141 and (voltage adj sensor) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/18 11:55 |
| S143 | 6 | S141 and (sensor) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/19 10:28 |
| S144 | 309 | (DC adj5 supply) same (voltage adj sensor) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 |
| S145 | 7 | S144 same (bridge adj circuit) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 10:39 |
| S146 | 22 | ("2223177" "2636102" "3258596" "3488586" "3604884" "3794841"). PN. OR ("3978311"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/19 10:36 |

| S147 | 47 | S144 same indicat\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 10:39 |
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| S148 | 8 | (DC adj5 supply) same (voltage adj sensor) same (switch\$4 adj circuit) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 12:06 |
| S149 | 922 | 307/125.cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 16:32 |
| S150 | 23 | S149 and (voltage adj sensor) | US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | STEERING STE | 2007/09/19 16:32 |
| S151 | 939 | 307/125.cds. | US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/03 13:32 |
| S152 | 53 | ((switching adj regulator) (switching adj coverter) (switching adj circuit)) same bridge same inductor same sens\$4 | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/03 13:38 |
| S153 | 1 | WESTCOTT-ANDREW-MG | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/03 14:04 |
| S154 | 3 | WESTCOTT-ANDREW-M- G | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/03 14:04 |
| S155 | 6 | WESTCOTT-ANDREW- MARK-GRAHAM | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/03 14:04 |

| S156 | 3 | WESTCOTT-ANDREW- MARK-GR | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/03 14:04 |
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| S157 | 1 | WESTCOTT-ANDREW | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/03 14:05 |
| S158 | 14 | ((switching adj regulator) (switching adj coverter) (switching adj circuit)) same bridge same (input near sens\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | SON | 2008/07/03 15:38 |
| S159 | 14 | ((switching adj regulator) (switching adj coverter) (switching adj circuit)) same bridge same (input near sens\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/09 11:27 |
| S160 | 18 | (input near dc near sensor) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/09 11:31 |
| S161 | 41 | ("3384806" "3489915" "3609502" "4375662" "4390940" "440472" "4445049" "4468569" "469831" "4468362" "4649334" "4695785" "4742291" "4847546" "4873480" "4916382" "5151865" "5291388" "5327066" "5477132" "5659465"), PN. OR ("6081104"), URIPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/09 16:19 |

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